

CLAIMS

1. A device for tensioning a flexible member relative to a structure comprising:
a body for engaging a support structure;
said body supporting at least one tensioner, said tensioner rotationally supported
by said body;
5 a pawl supported on said body and rotationally movable to engage one end thereof
with said tensioner;
a depression in the end of said tensioner for rotation thereof,
said pawl having an engaging end perpendicular to said pawl and engaging the
surface of portion of said tensioner, thereby blocking rotational movement of said
10 tensioner.
2. The device for tensioning a flexible member relative to a structure of claim 1
wherein said pawl is biased toward a position wherein said pawl engaging end is
blockingly engaged with said tensioner.
3. The device for tensioning a flexible member relative to a structure of claim 1
wherein said body is unitary.
4. The device for tensioning a flexible member relative to a structure of claim 1
wherein said tensioner further comprises a substantially cylindrical structure having an
opening substantially parallel to said axis of said cylinder for receiving an end of a
flexible member.
5. The device for tensioning a flexible member relative to a structure of claim 4
wherein said opening further comprises a widening of said opening to accommodate said
thickened portions of said flexible member.

6. The device for tensioning a flexible member relative to a structure of claim 5 wherein said widening said opening is located proximate each end of said opening and at mid-opening.

7. The device for tensioning a flexible member relative to a structure of claim 2 wherein said bias is provided by a tensioner spring connected to said pawls.

8. The device for tensioning a flexible member relative to a structure of claim 1 wherein said body supports a pair of tensioners, said tensioners rotationally supported by said body:

5 a pair of pawls supported on said body and rotationally moveable to engage one end thereof with said tensioner, said pawl having an engaging end perpendicular to said pawl and engaging the surface of a portion of said tensioner thereby blocking movement of said tensioner,

each of said tensioners having a depression in the end thereof for rotation thereof.

9. The device for tensioning a flexible member relative to a structure of claim 8 wherein said body is unitary.

10. The device for tensioning a flexible member relative to a structure of claim 8 wherein said tensioner further comprises a substantially cylindrical structure having an opening substantially parallel to said axis of said cylinder for receiving an end of a flexible member.

11. The device for tensioning a flexible member relative to a structure of claim 10 wherein said opening further comprises a widening of said opening to accommodate said thickened portions of said flexible member.

12. The device for tensioning a flexible member relative to a structure of claim 11 wherein said widening said opening is located proximate each end of said opening and at mid-opening.

13. The device for tensioning a flexible member relative to a structure of claim 9 wherein said bias is provided by a tensioner spring-connected to said pawls.

14. A device for tensioning a flexible member relative to a support structure comprising:

a body for engaging a support structure, said body having a first portion and a second portion, said first and second portions overlapping and each engaged with a
5 bushing;

said bushing extending through a portion of each of said first and second portions, and having a central opening extending therethrough, said opening being an elongated hole, said elongation extending perpendicular to said hole;

said first and said second portions each supporting a tensioner for tensioning a
10 flexible member;

said first and second portions each supporting a pawl, said pawl rotationally moveable to engage one end thereof with said tensioners,

said tensioner having a depression in the end thereof for rotation thereof;

each of said pawls having an engaging end perpendicular to said pawl and
15 engageable with the surface of a portion of said tensioner, thereby blocking rotational movement of said tensioner.

15. The device for tensioning a flexible member relative to a structure of claim 14 wherein said tensioner further comprises a substantially cylindrical structure having an opening substantially parallel to said axis of said cylinder for receiving an end of a flexible member.

16. The device for tensioning a flexible member relative to a structure of claim 15 wherein said opening further comprises a widening of said opening to accommodate said thickened portions of said flexible member.

17. The device for tensioning a flexible member relative to a structure of claim 16 wherein said widening said opening is located proximate each end of said opening and at mid-opening.

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